

Fairbanks International Airport: Maintenance Facility**FY2001 Request:****\$29,400****Reference No:****6836****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**Contact:** Tom Brigham**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-4070**Estimated Project Dates:** 07/01/2000 - 06/30/2005**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Construct a 16,500 square foot building to house the heavy and light vehicle maintenance function with shop space for facility maintenance.

| Funding: | <u>FY2001</u> | <u>FY2002</u> | <u>FY2003</u> | <u>FY2004</u> | <u>FY2005</u> | <u>FY2006</u> | <u>Total</u> |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Int Airprt | \$29,400 | | | | | | \$29,400 |
| Total: | \$29,400 | \$0 | \$0 | \$0 | \$0 | \$0 | \$29,400 |

| | | | | |
|-----------------------------------------------|------------------------------------------------------|---------------------------------------|---------------------------------------------|-----------------------------------|
| <input type="checkbox"/> State Match Required | <input checked="" type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input type="checkbox"/> Amendment | <input type="checkbox"/> Mental Health Bill | |

Operating & Maintenance Costs:

| | <u>Amount</u> | <u>Staff</u> |
|----------------------|---------------|--------------|
| Project Development: | 0 | 0 |
| Ongoing Operating: | 0 | 0 |
| One-Time Startup: | 0 | |
| Totals: | 0 | 0 |

Additional Information / Prior Funding History:**Project Description/Justification:**

Project Description: The design phase of the project was approved in FY96. This project will construct a facility, anticipated to be 16,500 square feet in size, to house the heavy and light vehicle maintenance function and to provide shop space for facility maintenance including electrical, plumbing, and carpentry. The facility, currently under design, will provide maintenance bays with necessary hydraulic lifts, overhead hoists, proper oil-water separators for floor drain runoff, electronic and computerized testing equipment and machine shop equipment, welding and paint booth areas with appropriate ventilation, and parts and supplies storage areas, all currently lacking in the existing inadequate 35 year-old facility that was originally constructed for warm storage.

Project Justification: FAI is responsible for the maintenance and repair of its entire rolling stock fleet from basic pickup trucks to sophisticated Airport Rescue & Firefighting (ARFF) vehicles valued at close to one half million dollars, as well as the responsibility to fully maintain over 200,000 square feet of airport owned buildings. At northern tier airports such as FAI, equipment and airport facilities require extensive maintenance in order to sustain uninterrupted airfield operations and to protect the investment in buildings including the extreme climatic conditions experienced in Fairbanks. For years, providing adequate maintenance facilities has received low priority until needs reach critical proportions. Portions of the existing facility, originally designed and constructed as an equipment warm storage facility, have been converted in piecemeal and still inadequate fashion over the past 35 years for equipment maintenance, airfield electrical systems maintenance, and a carpentry shop at the expense of equipment maintenance, repair, and warm storage staging space. Further, the current "shop" areas lack adequate mechanical systems and space for personnel to safely and efficiently carry out their duties.

With completion of the project, the existing facility will once again serve it's original purpose, that of vehicle warm storage. The existing facility is already insufficient to house all equipment. Keeping vehicles and equipment warm is extremely important to FAI as the airport can experience six or more months of winter conditions with temperatures dropping as low as sixty below zero. As equipment experiences mechanical breakdowns and is moved into the storage facility for repairs, it occupies valuable warm storage space. Equipment that should be stored inside ends up outside in the cold. This not only adds startup time to bring to an operational

condition, but further increases the possibility of mechanical breakdowns.